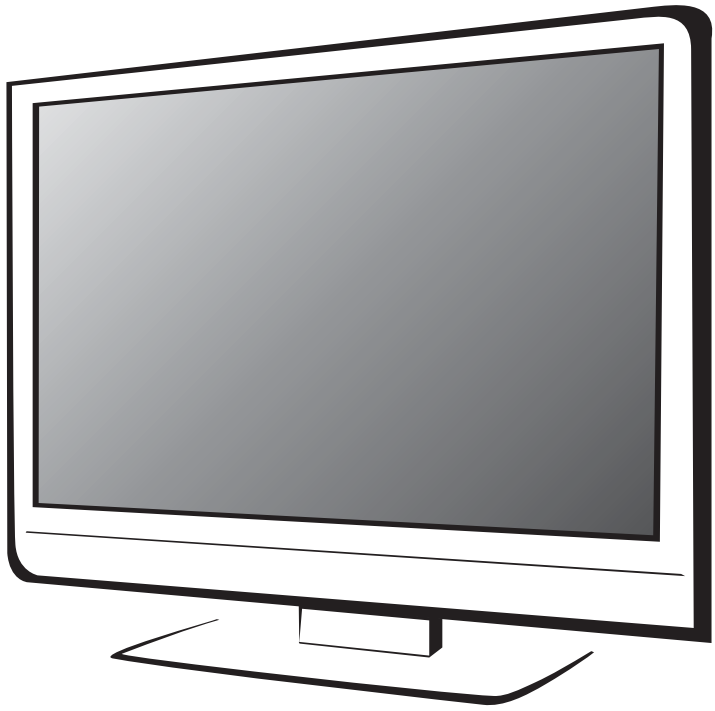
TATUNG

TME42

LCD MONITOR

With FHD LED 1920 x 1080 pixel resolution panel



User's Manual

Please read this manual carefully for proper usage before installation and use.It is recommended to keep this manual properly for future check.

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Features

1. LCD panel with no glint and low radiation can ease eyes' fatigue and protect eyes.
2. High-quality LCD with LED backlight panel is adopted with high brightness, high contrast, wide viewing angle, and super fast response time. Super fast response time can greatly eliminate the shadow of moving images.
3. De-interlacing image disposal is adopted. Today's most advanced technique for movement compensation, can completely improve the saw tooth and vague edges of the athletic picture.
4. There are four smart sound modes and four smart image modes.
5. Dynamic contrast technology can obviously improve the definition and contrast of the picture
6. With perfect timing function, you can set time to turn off. It will be turned off in state of no signals, too.
7. Auto Adjustment can help you to setup the image into the best performance in a few seconds instead of complicated adjustment in PC mode.
8. Auto color balance adjustment technology can make the machine to reach the best color setting in PC mode.
9. Support hi-definitionYPbPr and HDMI.
10. All functions can be realized with remote control, which is really a convenient operation.
11. Power is designed to save energy.
12. Input ports include VGA, YPbPr, HDMI, CVBS, USB.
13. Output ports include AV and Earphone .
14. Supports USB interface. USB Support Full HD Streaming media.
15. Ultra-thin and super narrow design .

Safety warning and notice

Thank you to choose the LCD Monitor with LED backlight made by our company, a valuable product with excellent quality and multiple functions. This machine will bring you more audiovisual enjoyment. Its design can insure user's safety. All machine are strictly tested before leaving factory. But incorrect use can lead to electric shock or fire. In order to ensure safety and extend its life, please read the manual and marking label carefully before using it and comply with the following safety instructions. Please keep the user manual for later use.

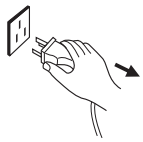
⚠ **Warning**	May result in casualties
⚠ **Attention**	May result in personal injury or property losses
⊘	Indicate the behaviors that must be prohibited
●	Indicate the operations that must be performed

Safety warning and notice

Under Following Conditions

- Power failure or unstable voltage.
- Abnormal sound or smell from the device.
- AC power cord is damaged.
- Monitor set is damaged due to falling off, knock or impact.
- Any liquid or foreign matters enter into the Monitor set.

Turn off the Monitor set immediately, unplug the power cord from the power outlet, and contact authorized maintenance personnel.



- **If coal gas or other flammable gases leak, do not unplug the power cord of the Monitor set or other electric appliances; instead, close the valve of the gas immediately and open the doors and windows.**

Warning

- **Only use 100-240VAC 60/50Hz power supply.**
- **This Monitor must be connected to a three pin socket outlet for safety.**
- All cables can be connected or pull out only after power supply is turned off.
- Do not fix the **Monitor set on instable position, or else it may cause falling off, damage, or even fire.**
- Do not put the **Monitor set in the environment:**
  1. **With direct sunshine, moisture, overheating, undercooling or heavy dust;**
  2. **With flammable or explosive substance;**
  3. **With flammable or corrosive gas;**
  4. **In bathroom, kitchen, etc.**
- Do not use damaged or improper power socket, and ensure that the plug and socket are **connected properly.**
- Keep the power plug and socket free of dust and metal pieces.
- Do not damage the power cord:
  1. **It is prohibited to refit the power cord;**
  2. **Do not put heavy object on the power cord;**
  3. **Keep the power cord away from heat source;**
  4. **Do not drag the power cord when unplugging.**
- Do not connect too many appliances to one power strip, or else it may cause fire due to high **power consumption.**
- Do not let open flame (e.g. lit candle) approach the **Monitor set, or else it may cause electric shock or fire.**
- Do not put the container filled with water on the **Monitor set, to avoid electric shock or fire caused by water drop of splashing.**
- Do not penetrate any sharp object, metal or liquid into the signal connector or air vents, to **avoid short circuit and product damage as well as electric shock.**
- The slots on the case is designed to release heat so as to assure that all inside components **will not reach an extra high temperature and can work normally for a long time. Please do not cover the holes while place it.**

Do not touch the plug with wet hands, or else it may cause electric shock.

Do not turn on the Monitor set in thunderstorm weather; unplug the power plug avoid lightning strike.

Do not disassemble the Monitor set by yourself, or else it may cause electric shock or fire. Contact qualified personnel for maintenance.

Safety warning and notice

Attention

- **Do not let children climb onto the** Monitor **set.**
- Keep the small accessories away from children's reach to avoid swallowing.
- If the **Monitor set won't be used for a long time, please turn off the device and unplug the power cord.**
- Before cleaning the **Monitor set, unplug the power cord and wipe with soft cloth; do not use chemical reagents and avoid foreign substances entering into the device. Improper cleaning may damage the appearance or erase the printing information on the product.**
- To adjust the position or angle of the **Monitor set, please disconnect all wires and move slowly to avoid falling off.**
- Do not rub with hard object, knock at, bend or squeeze the screen.
- Do not use machine immediately after transfering machine to the places with high temperature **from low temperature, which will cause fogging inside machine and failures.**
- If the screen is broken and the liquid splashes on skin, please wash with clean water immediately **for 15 minutes, and go to see your doctor.**
- To carry the **Monitor set with hands, please grasp the corners and hold the bottom; do not apply force on the panel.**
- **Displaying the same image for a long time or active image with fixed words, icons will leave "image persistence" on screen which will not disappear after powering off for a long time. This undesirable phenomenon is not covered by warranty.**
- Healthy **Monitor watching:**
  1. Watch in appropriate light; poor light or long time watching may hurt your eyes.
  2. If a headset is used, adjust the volume appropriate to avoid hurting your hearing.
- Unplug the power cord of the device to cut off the power supply.
- If a power plug or appliance coupler is used as disconnecting device, it should ensure easy **operation.**
- Power plug shall be connected reliably. Loose power plugs may cause sparkle and fire.
- All the technical specifications in the user manual and on the packaging are subject to changes **without prior notice. If there is slight deviation between the user manual and actual operation, the latter shall prevail.**

Mounting and Connecting

Packing list

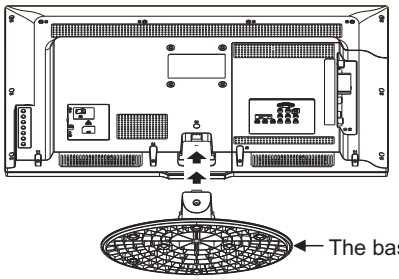
1. The Monitor set; 2. User Manual; 3: Remote control; 4: Power cord (or attached to Monitor set)

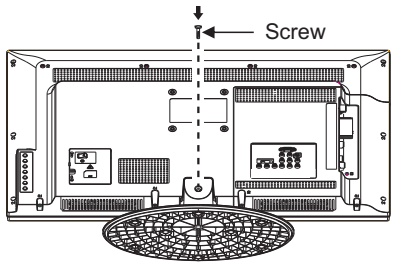
Mounting the Monitor set

Insert the base into the support hole in the rear enclosure in the arrow direction shown in the picture, aligning the screw hole in the rear enclosure and the screw hole in the base, and then tighten the screw.

***Remark**: The actual base and appearance may be different from the picture; please refer to the device.*

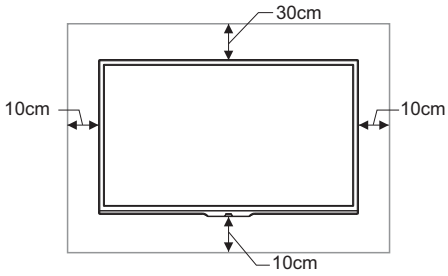
Mounting and Connecting



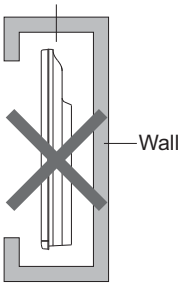


- The Monitor set should be mounted near the AC power socket for easy plugging and unplugging.
- For your safety, please select appropriate wall mount bracket or base.
- To avoid hurt, it is required to place the Monitor set on stable plane, or fix on firm wall.
- Ask qualified personnel to mount the Monitor set on the wall. Improper mounting may result in instable Monitor set.

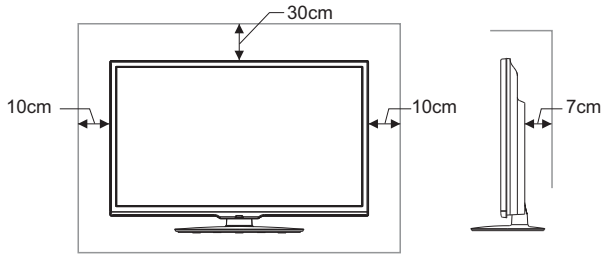
Mount on the wall



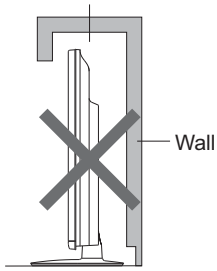
Obstruct the air circulation



Mount on the base



Obstruct the air circulation



Ventilation

- Please keep this space at least around the Monitor , as shown in the figure.
- Do not cover the air vents or insert any object into the enclosure.
- Do not put the device in limited space, e.g. bookcase or embedded closet, unless the Monitor set is properly ventilated.

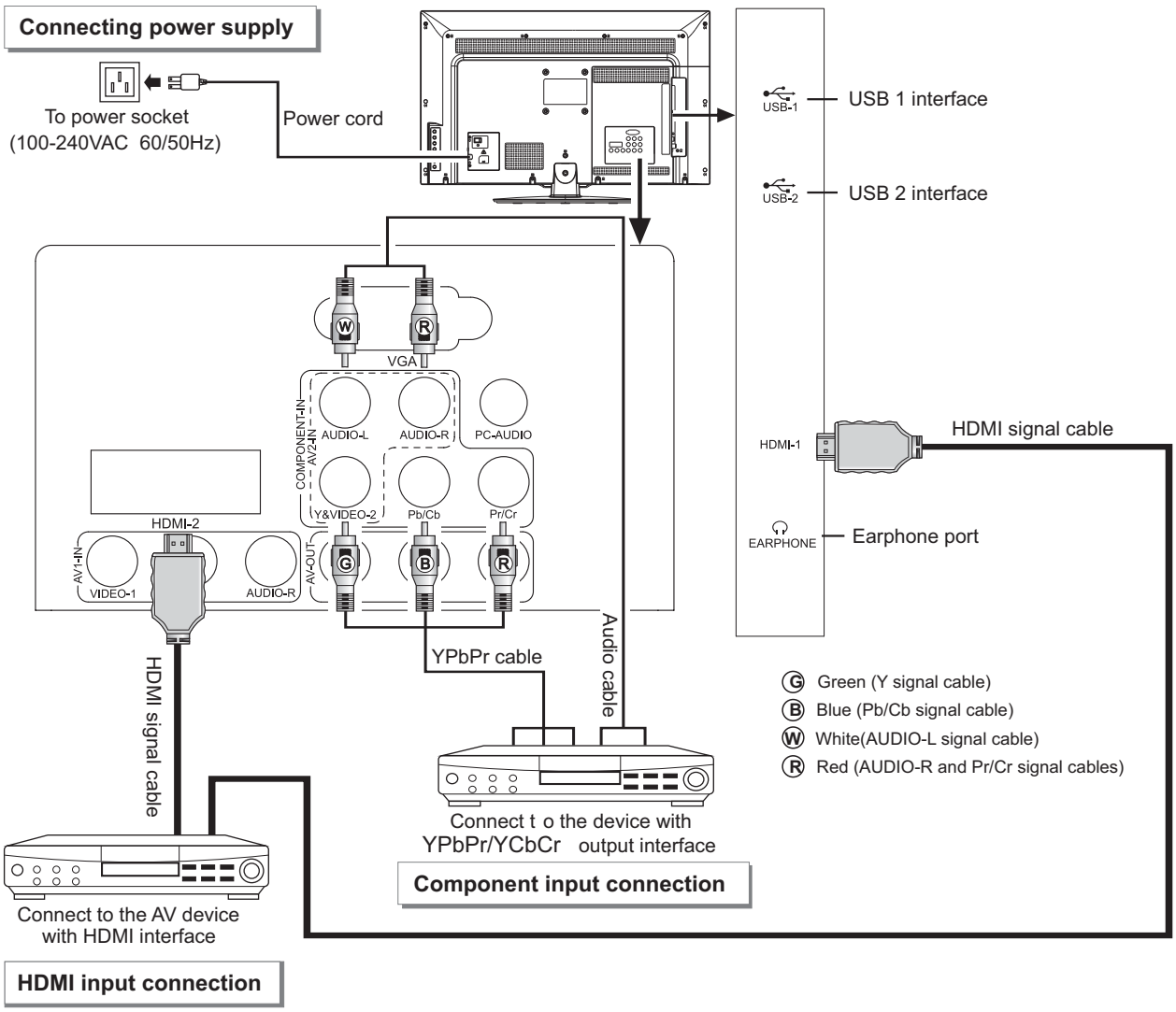
Tips on Installation

- Do not place the Monitor set at any place susceptible to mechanical vibration.
- Do not place the Monitor set at any place that insects may enter.
- Do not mount the Monitor set against air conditioner, or else the internal panel of the display may condense moisture and cause failure.
- Do not place the Monitor set at any place with strong magnetic field, or else it may be interfered with and damaged by electromagnetic wave.

Connecting peripheral equipment

You can connect various devices to the Monitor set and view high quality images. If the video device has HDMI, YPbPr/YCbCr, AV, PC and other video output/input ports. You can select one of them and connect to corresponding input or output ports of the Monitor set. After connected, press "SOURCE" key, then menu of signal

source will be displayed on the screen. Press the " ▲/▼" key to select the input signal, and press "OK"key to confirm. The connecting mode is shown in the figure.

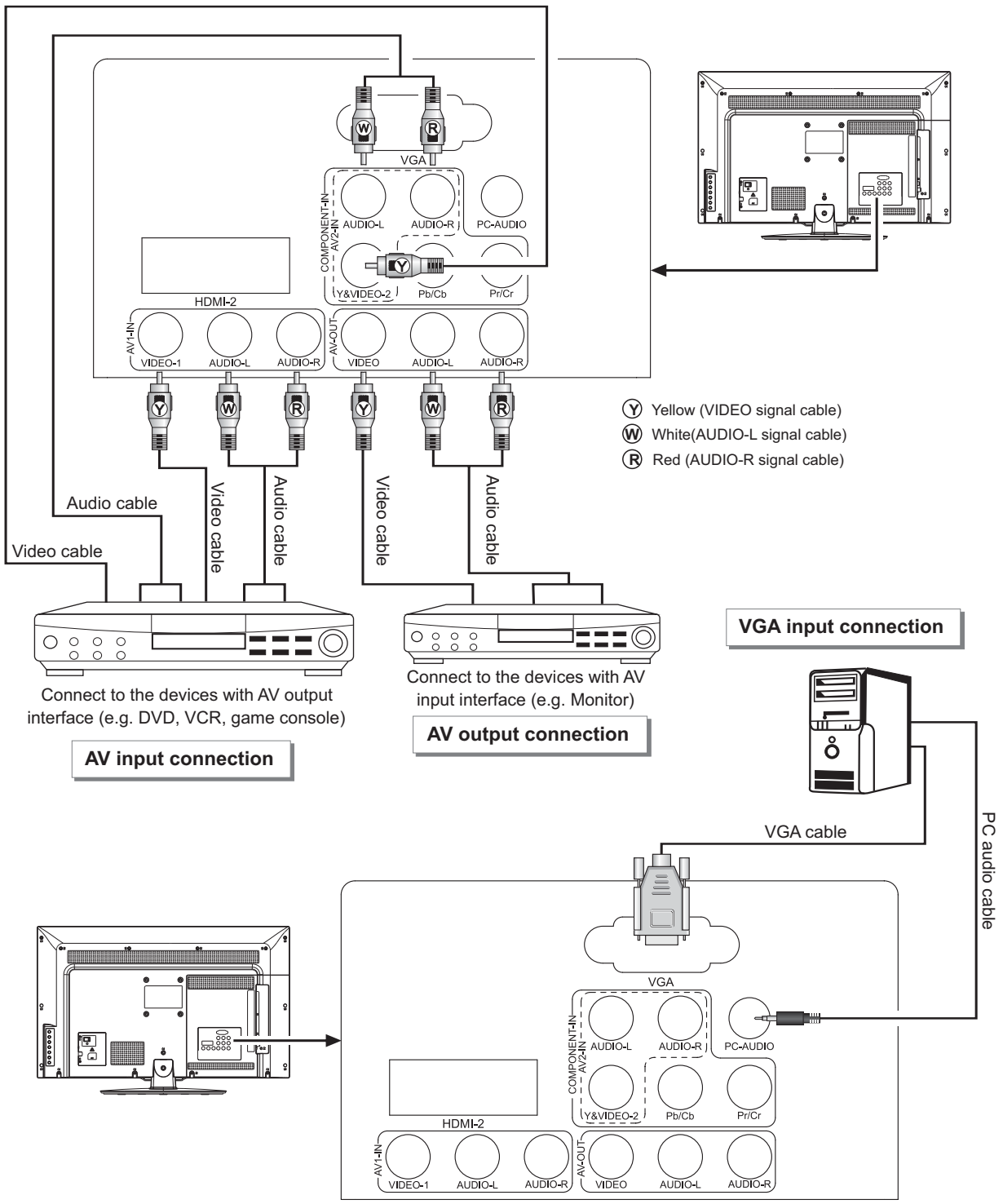


Remark:

1. The VIDEO-2 and component Y signal of the device share same input interface. AV2 and component audio share same input interface.

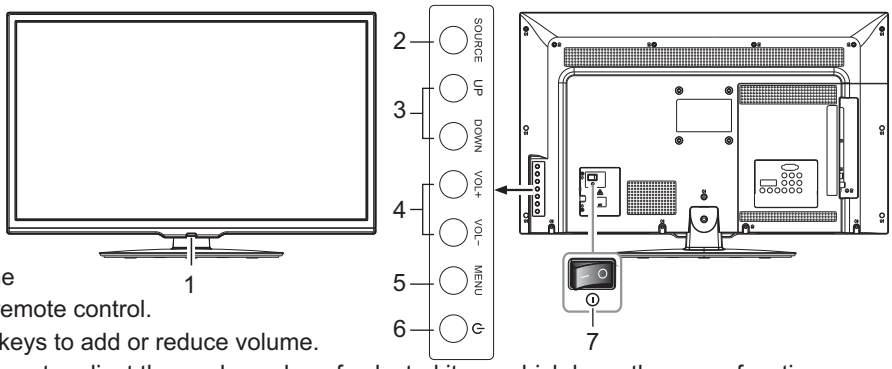
2. If an earphone is inserted, the speaker of the Monitor set turns off automatically.

Mounting and Connecting



Note: *The peripheral equipment and cables described in this manual should be purchased separately.*

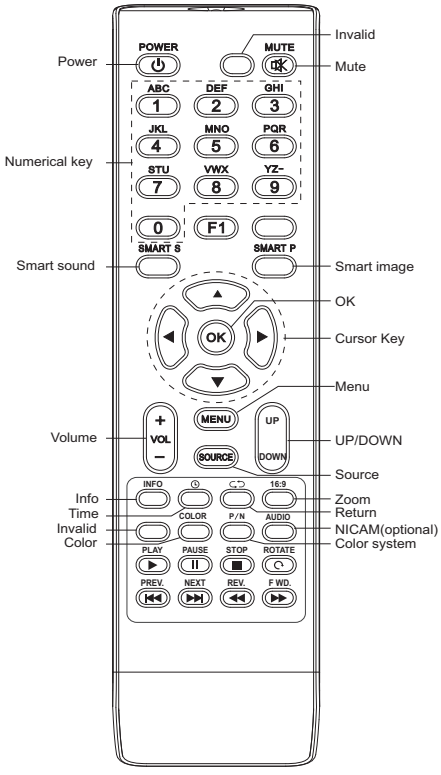
Panel Control Keys



1) Power LED indicator and remote receiving window.
2) **SOURCE**: Press this key to enter the menu of signal source and choose signal source.
3) **UP/DOWN**: In OSD menu, press the two keys to adjust the items, which have the same functions as ▲/▼ key on the remote control.
4) **VOL+/VOL-**: Press these two keys to add or reduce volume. In OSD menu, press the two keys to adjust the analog value of selected item, which have the same functions as ◀/▶ key on the remote control.
5) **MENU**: Press this key to enter main menu.
6) ⏻ Power on/Standby.
7) ⏽ Power switch (press " **I** " end to turn power on, and press "**O**" end to turn power off)

Note: *Different models may have different appearances; please refer to the actual device.*

Remote Control



Remote Control Key Instruction

Key	Function
POWER(⏻)	Switch between normal working and standby
MUTE(🔇)	Turn off the sound
Numerical key	Numerical input button
F1	Freeze picture
SMART S	Switch the audio mode among Standard, Music, Movie, User
SMART P	Switch the image mode among Standard, Soft, User, Bright
▲/▼/ ◀/▶	▲/▼: select functions; ◀/▶: adjust the analog value
VOL+/VOL-	Turn up/down the volume
MENU	Press this key to call out the main menu
SOURCE	Press this key to display signal source selection menu
UP/DOWN	In OSD menu, press the two keys to adjust the items, which have the same functions as ▲/▼ key on the remote control.
INFO	System information display switch
Time (🕒)	Time setting key; press this key to set the power off time
Return (↩)	Press this key to return
16:9	Switch the display mode
Color	Switch color temperature
P/N	Select color system
AUDIO(optional)	Select NICAM mode
OK	Confirm the operation
PLAY (▶)	Used for operations in USB mode
PAUSE (⏸)	
STOP (■)	
ROTATE (↻)	
PREV. (⏮)	
NEXT (⏭)	
REV. (◀◀)	
F WD. (▶▶)	

Remark: *The picture may be different from the remote control; please refer to the actual product.*

Remote Control

Installing battery

Remove the battery cover, and insert two AAA (1.5V) batteries; make sure that the polarity of the battery is consistent with the marks "+/-" in the battery slot.

Precautions of remote control usage

- Point the remote control to the receiver window. The objects between remote control and the receiver window may disturb the normal operation.
- Keep the remote control away from strong vibration. In addition, do not set or put the remote control in direct sunshine, which may result in deformation of the remote control.
- The remote control may be invalid if the receiver window is in direct sunshine or strong light; in this case, please adjust the angle of the light or the device, or approach the remote control to the receiver window.
- The effective range of the remote control may be affected if the battery voltage is low; in this case, please replace with a new battery; if the remote control won't be used or battery voltage is too low, please take out the battery to avoid corrosion due to battery liquid leakage.
- Do not mix different types of batteries, or used and new batteries.
- Do not throw the batteries into fire, charge or break up, or charge, short circuit, disassemble, heat or burn the used batteries. Please follow the environmental protection regulations to disposal of the batteries.

Basic Operations

Turning on/Standby

Insert the power plug into the outlet. Press " ⏻ button on the Monitor set, and press " ⏻ key on the remote control or on the control panel to turn on the Monitor set. Press " ⏻ key again to switch the Monitor set to standby state.

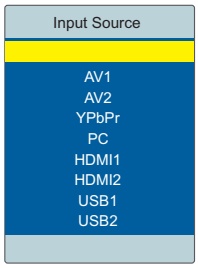
★ **Special note**

This device adopts energy saving technology:

1. If there is no signal input in power on state, the Monitor set enters standby state automatically after five minutes.
2. When the schedule power off time is reached, the Monitor set enters standby state automatically.

Signal source selection

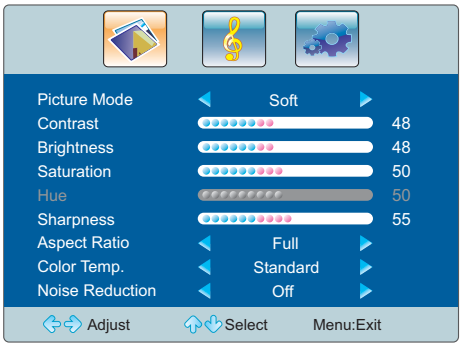
Press "**SOURCE**" key either on the remote control or on the control panel. The menu of "Input Source" will be displayed on the screen. Then press "▲/▼" key on remote control or "**UP**/**DOWN**" key on the control panel to choose the signal source. Press "**OK**" key on the remote control or "**MENU**" key on the control panel and Monitor will switch the current signal source to the signal source you choose.



Menu operation description

Press "**MENU**" key on the remote control or on the control panel, then the Monitor will display the main menu.

1. Press "◀/▶" key on the remote control or "**VOL+**/**VOL-**" key on the control panel to select the adjustment sort menu, which includes 3 sorts: PICTURE, SOUND, OSD.
2. Press "▼" key on the remote control or "**DOWN**" key on the control panel to enter the adjustment sort menu.
3. Press "▲/▼" key on the remote control or "**UP**/**DOWN**" key on the control panel to select what is needed to adjust in sort menu.
4. Press "◀/▶" key on the remote control or "**VOL+**/ **VOL-**" key on



The control panel to adjust the value or setting.

5. When the main menu appears on the screen, press "**MENU**" key to exit; when submenu appears on the screen, press "**MENU**" key to return to previous menu; press "**SOURCE**" key to show the signal source selection menu, and press it again to exit from the menu.
6. In the process of menu operation, the unavailable options in current state will be in gray.
7. The menu operation in this manual uses the example in Monitor state; the operations in other state are same as the Monitor state.

***Note**: "◀", "▶", "▲"and "▼"key in this Manual stand for the direction cursor keys on the remote control unless specifically defined. The operating instructions in the text below are all based on keys on the remote control. Please understand the keys on the panel by yourself.*

Menu setting list

Refer to the table below for the specific menu settings.

PICTURE	Picture Mode	Adjust the overall effect of images: Standard, Soft, User, Bright.
	Contrast	Adjust the overall layering of images: increase the analog value to improve the contrast and decrease the analog value to reduce the contrast (0-100).
	Brightness	Adjust the overall brightness of images: increase the analog value to improve the brightness and decrease the analog value to reduce the brightness (0-100).
	Saturation	Adjust the color depth of images: increase the analog value to improve the depth and decrease the analog value to reduce the depth (0-100).
	Hue	Adjust the hue of images: increase analog value to increases green and decrease analog value to increases purple(0-100).
	Sharpness	Adjust the sharpness of images: increase the analog value to increases the definition and decrease the analog value to reduce the definition (0-100).
	Aspect Ratio	Adjust the aspect ratio: Full, 4:3, Subtitle, Film.
	Color Temp.	Adjust the overall color temperature of images: Standard, Warm, Cool.
	Noise Reduction	Set the grade of noise reduction: Middle, High, Off, Low.
	***Remark**: The values of Contrast, Brightness, Hue, Saturation and Sharpness adjusted by the user will be saved automatically.*	
SOUND	Sound Mode	Select the audio mode: Standard, Music, Movie, User.
	Treble	Adjust the treble: increase the analog value to increase the treble and decrease the analog value to reduce the treble (0-100).
	Bass	Adjust the bass: increase the analog value to increase the bass and decrease the analog value to reduce the bass (0-100).
	Balance	Adjust balance degree of right&left sound track: move the analog value to left to increase the left volume; move the analog value to right to increase the right volume (L50-R50). Generally, the balance is set to 0.
	***Remark**: The values of treble and bass adjusted by the user will be saved automatically.*	
OSD	OSD Language	Set the menu language: There are many languages to select.
	OSD Duration	Adjust duration of OSD menu: 15, 30, 45, 60. Unit: second.
	OSDTransparency	Adjust the menu transparency: increase the analog value to increase the transparency and decrease the analog value to reduce the transparency (0-100).
	Blue Screen	Set up whether screen turns to blue when there is no signal: On and Off.
	Sleep Time	Set the waiting time of standby: Off, 15M, 30M, 45M, 60M,90M, 120M, 240M. unit: min.
	Recall	Restore factory settings.

***Note:** With the mode of AV, YPbPr, PC, HDMI, all functions and adjustments are similar with Monitor. User can check it at convenience. HDMI connector can realize DVI connector function with external HDMI/DVI commutator.*

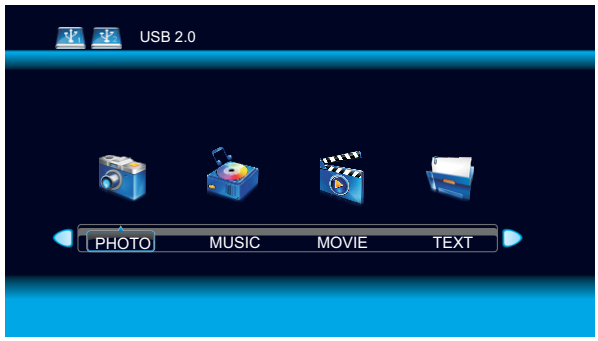
Basic Operations

USB multimedia function

Connect the USB storage device to the USB interface in the Monitor set, press "**SOURCE**" key to select the USB signal source and press "**OK**" key to confirm.

***Remark**:*

1. *Compatible USB media files: video, audio, picture, and text. The nonstandard USB storage devices may be incompatible; please replace with standard devices;*
2. *Stream media system has limitation on every kind of file format, and will report error if beyond system limit;*
3. *Do not unplug the USB device while playing, or else it will cause system or device error;*
4. *The system supports USB flash drive and removable hard disk with standard USB1.1 and USB2.0 interface transmission protocol. The file format of USB device must be FAT or FAT32, instead of NTFS.*
5. *The USB interface of this Monitor set can supply a voltage of 5V and the maximum current is 500mA; accurate identification of the multimedia player will be affected when a storage device above 500mA is used, which is a normal phenomenon.*



Press "◀/▶" key to select file type menu, which includes PHOTO, MUSIC, MOVIE and TEXT.

PHOTO

Select to enter the menu, select a disk, and press "**OK**" key to read the files.

Select to return to disk selection interface. Press " ▲/▼/◀ /▶" key to select PHOTO, and press "**OK**" key to confirm (the selected file has a red check mark in the lower right; you can select multiple files and add to the playing list), and then press "**PLAY**" key to play the files. If you press "**PLAY**" key directly without selecting any file, the system will add all the files in the folder to the playing list.

Basic functions:

While playing, press "**INFO**" key to show the basic operation function bar in the bottom of the screen (press " ▼" key to hide the function bar).

	Play/Pause: Press " ◀/▶" key to select this function, and press "**OK**" key to play or pause.
	Previous: Press " ◀/▶" key to select this function, and press "**OK**" key to play previous picture.
	Next: Press " ◀/▶" key to select this function, and press "**OK**" key to play next picture.
	Stop: Press " ◀/▶" key to select this function, and press "**OK**" key to stop playing and return to previous menu.
	Repeat: Press " ◀/▶" key to select this function, and press "**OK**" key to select repeat one or repeat all or not repeat.
	Background music: Press " ◀/▶" key to select this function, and press "**OK**" key to play the background music (music files and picture files should be saved in the same folder, or select music files in the music folder first).
	Playing list: Press " ◀/▶" key to select this function, and press "**OK**" key to show the playing list.
	File info: Press " ◀/▶" key to select this function, and press "**OK**" key to show the picture info, including resolution, size, etc.

	Rotate CW: Press " ◀/▶" key to select this function, and press "**OK**" key to rotate the picture clockwise.
	Rotate CCW: Press " ◀/▶" key to select this function, and press "**OK**" key to rotate the picture counterclockwise.
	Zoom in: Press " ◀/▶" key to select this function, and press "**OK**" key to zoom in the picture.
	Zoom out: Press " ◀/▶" key to select this function, and press "**OK**" key to zoom out the picture.
	Catch the picture: Catch the picture then set it for logo when turn on the Monitor (optional).

MUSIC

The basic operation is similar to PHOTO ; please refer to above operation.

Basic functions:

	Fast rewind: Press " ◀/▶" key to select this function, and press "**OK**" key to play fast rewind. Press "**PLAY**" key on the remote control to play normally.
	Fast forward: Press " ◀/▶" key to select this function, and press "**OK**" key to play fast forward. Press "**PLAY**" key on the remote control to resume normal playing.
	Timing: Press " ◀/▶" key to select this function, and press "**OK**" key to select the playing time.

Refer to PHOTO for other functions.

MOVIE

The basic operation is similar to PHOTO; please refer to above operation.

Basic functions:

	A-B playing: Press " ◀/▶" key to select this function, and press "**OK**" key to set point A and point B. The video playing will repeat between A and B.
	Slow playing: Press " ◀/▶" key to select this function, and press "**OK**" key to slow the playing. Press "**PLAY**" key to resume normal playing.
	Single step: Press " ◀/▶" key to select this function, and press "**OK**" key to play the video step by step. Press "**PLAY**" key to resume normal playing.
	Aspect ratio: Press " ◀/▶" key to select this function, and press "**OK**" key to switch among Auto, 4:3 and Full. This function doesn't support some HD video.

Refer to PHOTO and music for other functions.

***Remark**: Zooming function doesnt support some HD video.*

TEXT

The basic operation is similar to PHOTO; please refer to above operation.

Troubleshooting

Problem	Reason	Solution
Monitor image is good, but there is noise.	Monitor sound setting is improper.	Enter "Monitor" setting menu and reset the sound system.
No screen display, no sound, indicator is off.	Power plug is loose, or power supply isn't connected.	1.Check if the power cord is connected properly. 2.Check if the " ⏻" button on the panel is on.
Monitor image has point, line or stripe interference.	The signal is interfered with by automobile, neon light, or hair drier.	Do not use hair drier near the device, reduce the interference.
Monitor doesn't have sound.	1.Volume is too low. 2.Sound is turned off. 3.Sound system is improper.	1.Adjust the volume properly. 2.Press the Mute key on the remote control to turn on the sound. 3.Enter "Monitor" setting change the sound system.
PC doesn't have display, no signal input, red indicator flashes.	Signal cable is loose or falls off.	Check whether the signal cable is loose or falls off, and reconnect the cable.
Remote control distance becomes short, out of control.	1.The receiver window is blocked. 2.Battery voltage of the remote control is too low.	1.Move the object to avoid blocking the receiver window. 2.Replace the battery.
PC display is blurry.	1.Adjustment is improper. 2.Display mode is improper.	1.Use automatic adjustment. 2.Use recommended mode.
PC image offset, can't fit the screen or beyond the screen.	1.Adjustment is improper. 2.Display mode is improper.	1.Use automatic adjustment. 2.Enter "Geometry" to adjust the vertical or horizontal position. 3.Use recommended mode.
Noise Signals at turning off.	Electrical release at turning off.	It is normal.
Can't operate the device.	External factors, such as lightning and ESD, may interfere with the normal operation.	Press " ⏻" button to turn off electrical source, then press " ⏻" button to turn on the Monitor again after 1-2 minutes.

Technical Specifications

Master unit

Panel size	42"		
Max. Resolution	1920×1080		
Best Resolution	1920×1080@60Hz		
Pixel Pitch	0.4845mm×0.4845mm		
Active Area	930.24mm×523.26mm		
Power Supply	100-240VAC 60/50Hz		
Power Consumption of Speaker	8W+8W		
Dimension(L×H×W)and Weight	Excluding base	Unpacking: 972×583×72(mm³)	
	Includingbase	Unpacking: 972×634×72(mm³)	Net Weight: 11.5kg
		Packing: 1165×687×160(mm³)	Gross Weight: 14kg

Operating environment: temperature: 5℃~40℃; RH: 10%~85%; atmospheric pressure: 86kPa~104kPa
Storage environment: temperature: -20℃~55℃; RH: 5%~95%; atmospheric pressure: 86kPa~104kPa

Technical specifications for Monitor

1. AV video input: 75Ω, 1 Vp-p, RCA terminal
2. AV audio input: 20kΩ, 500mV RMS
3. YPbPr / HDMI video input: 480i, 480P, 576i, 576P, 720P, 1080i, 1080P

VGA display mode

42"

NO.	Mode	Resolution	Refresh rate
1	VGA	720×400	70Hz
2		640×480	60Hz
3	SVGA	800×600	60Hz
4	XGA	1024×768	60Hz
5		1280×720	60Hz
6	WXGA	1360×768	60Hz
7		1600×900	60Hz
8	WUXGA	1920×1080	60Hz

Recommended mode:1920X1080@60Hz

Power management

Mode	PowerLEDstate	Power consumption
		42"
Normal working	Off	≤98W
Standby	On	≤0.5W